

INTERNATIONAL SEARCH REPORT

International Application No. **PCT/US 87/02394**

I. CLASSIFICATION OF SUBJECT MATTER (If several classification symbols apply, indicate all)¹

According to International Patent Classification (IPC) or to both National Classification and IPC

IPC (4): **G06F 13/00, 15/16**

U.S. CL: **364/200,900**

II. FIELDS SEARCHED

Minimum Documentation Searched²

Classification System:

Classification Symbols

U.S.

364/200,900

Documentation Searched other than Minimum Documentation
to the Extent that such Documents are Included in the Fields Searched³

III. DOCUMENTS CONSIDERED TO BE RELEVANT^{1,4}

Category ⁵	Citation of Document, ^{1,6} with indication, where appropriate, of the relevant passages ^{1,7}	Relevant to Claim No. ^{1,8}
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A, ^P	US, A, 4,644,463 (HotChkin et al.) 17 February 1987	
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A	US, A, 4,426,679 (Yu et al.) 17 January 1984	
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A	US, A, 4,253,146 (Bellamy et al.) 24 February 1981	
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A	US, A, 4,415,971 (Guillemet et al.) 15 November 1983	
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¹ Special categories of cited documents: ^{1,9}

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"4" document member of the same patent family

IV. CERTIFICATION

Date of the Actual Completion of the International Search¹

18 November 1987

International Searching Authority¹

ISA/US

Date of Mailing of this International Search Report¹

10 DEC 1987

Signature of Authorized Officer^{1,2}

EDDIE CHAN